I claim:

- 1. A liquid transfer pump comprising
 - a. a unitary housing;
 - b. a motor disposed within a first portion of said housing, said motor including a rotatable drive shaft;
 - c. a pump cavity formed in a second portion of said housing, said cavity having an open end and an outlet port;
 - d. a volute chamber having an open end, said volute chamber formed within said pump cavity;
- e. a rotatable impeller disposed within said volute chamber and operatively engaged with said rotatable drive shaft of said motor; and
 - f. a cover attached to said open end of said pump cavity and engaged with said open end of said volute chamber to form a volute.
- The liquid transfer pump as recited in claim 1, further comprising an exclusionary plate
 disposed within said volute chamber, said rotatable drive shaft of said motor extending
 through a hole formed in said exclusionary plate.
 - 3. The liquid transfer pump as recited in claim 2, further comprising an annular region formed in said housing within said pump cavity, said annular region enclosing a seal flood region.
- 4. The liquid transfer pump as recited in claim 3, wherein said annular region formed in said housing has a first passageway between said pump cavity and said seal flood region and a second passageway between said pump cavity and said seal flood region.

- 5. The liquid transfer pump as recited in claim 4, wherein said volute chamber comprises a wall, and wherein a port is formed through said wall of said volute chamber.
- 6. The liquid transfer pump as recited in claim 1, wherein said volute comprises an exit flare.
- 7. The liquid transfer pump as recited in claim 6, wherein said pump cavity further comprises a baffle disposed above said exit flare of said volute.
 - 8. The liquid transfer pump as recited in claim 1, wherein said cover comprises an inlet port, a cavity, and an outlet port proximate to said impeller.
- 9. The liquid transfer pump as recited in claim 8, wherein said cover further comprises an inner face, said impeller further comprises a vane face, and said inner face of said cover and said vane face of said impeller are substantially parallel to each other.
 - 10. The liquid transfer pump as recited in claim 1, wherein said second portion of said housing further comprises a filling port comprising a threaded bore.
 - 11. The liquid transfer pump as recited in claim 10, wherein said filling port further comprises a funnel shape disposed above said threaded bore.

- 12. The liquid transfer pump as recited in claim 11, further comprising a threaded plug engaged with said threaded bore.
- 13. The liquid transfer pump as recited in claim 12, wherein said plug further comprises a seal engaged with said filling port.
- 14. The liquid transfer pump as recited in claim 1, wherein said unitary housing further comprises a handle.
 - 15. The liquid transfer pump as recited in claim 1, wherein said unitary housing is formed of aluminum alloy.

16. A liquid transfer pump comprising

a. a unitary housing;

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- b. a motor disposed within a first substantially cylindrical portion of said housing; said first portion of said housing comprising an open end, a first air inlet opening and a first air outlet opening;
- c. a pump cavity formed in a second portion of said housing; and
- d. a cover attached to said open end of said first portion of said housing.
- 17. The liquid transfer pump as recited in claim 16, wherein said motor further comprises a fan operatively engaged to a rotatable drive shaft.
- 18. The liquid transfer pump as recited in claim 17, wherein said substantially cylindrical portion of said housing comprises a volute cavity.
 - 19. The liquid transfer pump as recited in claim 18, wherein said volute cavity comprises a first volute and a second volute.
 - 20. The liquid transfer pump as recited in claim 19, wherein said substantially cylindrical portion of said housing comprises a first opening proximate to said first volute and a second opening proximate to said second volute.
 - 21. The liquid transfer pump as recited in claim 20, further comprising a drain hole in the bottom of said volute cavity.
- 22. The liquid transfer pump as recited in claim 21, further comprising a circumferential ridge proximate to said volute cavity.
 - 23. The liquid transfer pump as recited in claim 16, wherein said cover is unitary.
 - 24. The liquid transfer pump as recited in claim 23, wherein said cover further comprises an inlet opening.

- 25. The liquid transfer pump as recited in claim 16, wherein said first substantially cylindrical portion of said housing comprises at least one axial rib.
- 26. The liquid transfer pump as recited in claim 16, wherein said first substantially cylindrical portion of said housing comprises at least one arcuate rib having an end forming a portion of a passageway thereby..
- 27. The liquid transfer pump as recited in claim 16, wherein said unitary housing further comprises a handle.
- 28. The liquid transfer pump as recited in claim 16, wherein said unitary housing is formed of aluminum alloy.
- 10 29. A liquid transfer pump comprising
 - a. a unitary housing;
 - b. a motor disposed within a first substantially cylindrical portion of said housing; said first substantially cylindrical portion of said housing comprising an open end, and a first air outlet opening;
- c. a pump cavity formed in a second portion of said housing; and
 - d. a cover attached to said open end of said first portion of said housing, said cover comprising an outer surface, an inner surface, and a first inlet opening.
 - 30. The liquid transfer pump as recited in claim 29, wherein said motor further comprises a fan operatively engaged to a rotatable drive shaft.
- 31. The liquid transfer pump as recited in claim 30, wherein said cover further comprises a first cover plate covering a portion of said first inlet opening.
 - 32. The liquid transfer pump as recited in claim 31, wherein said first inlet opening further comprises a first baffle.

- 33. The liquid transfer pump as recited in claim 32, wherein said cover further comprises a second cover plate covering a portion of a second inlet opening, said second inlet opening comprising a second baffle.
- 34. The liquid transfer pump as recited in claim 29, wherein said cover further comprises a first ear with a first port and a second ear with a second port.
- 35. The liquid transfer pump as recited in claim 34, wherein said first port of said first ear comprises a first threaded bore and said second port of said second ear comprises a second threaded bore.
- 36. The liquid transfer pump as recited in claim 35, further comprising a first motor brush disposed in said first port in said first ear, and a second motor brush disposed in said second port in said second ear.
 - 37. The liquid transfer pump as recited in claim 36, further comprising a first threaded cap disposed in said first port in said first ear, and a second threaded cap disposed in said second port in said second ear.
- 38. The liquid transfer pump as recited in claim 29, wherein said cover consists essentially of plastic.
 - 39. The liquid transfer pump as recited in claim 29, wherein said cover further comprises a shaft opening.
- 40. The liquid transfer pump as recited in claim 29, wherein said cover further comprises a switch opening, and said pump further comprises a switch disposed in said switch opening.
 - 41. The liquid transfer pump as recited in claim 29, wherein said cover further comprises a cord opening, and said pump further comprises a cord assembly disposed in said cord opening.

- 42. The liquid transfer pump as recited in claim 29, wherein said inner surface of said cover further comprises an arcuate rib.
- 43. The liquid transfer pump as recited in claim 29, wherein said inner surface of said cover further comprises a reinforcement rib.
- 44. The liquid transfer pump as recited in claim 29, wherein said cover further comprises a flange with at least one hole therethrough.
 - 45. The liquid transfer pump as recited in claim 29, wherein said cover further comprises a bearing race formed therein.
- 46. The liquid transfer pump as recited in claim 29, wherein said inner surface cover of said cover further comprises a first fastener hole and a second fastener hole.
 - 47. The liquid transfer pump as recited in claim 29, wherein said open end of said first substantially cylindrical portion of said housing cover further comprises a first taper, and wherein said cover further comprises a second taper engaged with said first taper of said open end of said first substantially cylindrical portion of said housing.